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(54) FLAME-RETARDANT BULKY PROCESSED CELLULOSIC SHEET

(57) Abstract:

PURPOSE: To obtain the subject sheet having excellent strength, dimensional stability, feeling, etc., and useful as a wall paper by mixing crosslinked pulp and a hot-water soluble fiber, forming a sheet by paper-making process and subjecting the sheet to flame-retarding treatment with a flame-retardant.

CONSTITUTION: A pulp is crosslinked with a crosslinking agent having two or more functional groups reactive with cellulose and containing a ring structure in the molecule to connect two or more crosslinking functional groups. The crosslinked pulp is mixed with a hot-water soluble fiber (e.g. PVA), the mixture is formed to a sheet by a paper-making process and the sheet is subjected to flame-retarding treatment with a flame-retardant to obtain the objective sheet.

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